

# Standardized Testing Tolerances for Auger Pressure Grouted Piles Additive “Panacea”

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Panacea is an admixture designed to increase workability and increase water retention to avoid seepage into surrounding soils; allowing for the insertion of reinforcing steel after the grout has been placed. The objective of this research was to correlate initial set times with temperatures over time. The research also served to create a standardized set of tolerances for variables being tested on site for quality control including: temperature, flow, water retention, and viscosity. By implementing these standards and tolerances contractors will be able to better gauge material attributes and improve the scheduling of foundation activities.

